REMARKS

The following remarks are responsive to the March 23, 2007 Office Action. Claims 1, 14, and 23 are currently amended, Claims 2-11, 15-22, 24, and 25 remain as originally filed, Claims 12, 13, 28, and 29 remain as previously presented, and Claims 26 and 27 were previously cancelled without prejudice. Thus, Claims 1-25, 28, and 29 are presented for further consideration. Please reconsider the claims in view of the following remarks.

Response to Rejection of Claims 1-14, 16-25, 28, and 29 Under 35 U.S.C. § 103(a)

In the March 23, 2007 Office Action, the Examiner rejects Claims 1-14, 16-25, 28, and 29 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,868,225 issued to Brown *et al.* ("Brown") in view of U.S. Patent No. 6,154,600 issued to Newman *et al.* ("Newman").

<u>Claim 1</u>

As currently amended, Claim 1 recites (emphasis added):

1.   An audiovisual system which receives audiovisual data and which stores for later playback at least a portion of the audiovisual data, the stored portion of the audiovisual data comprising a plurality of stored programs, **each stored program comprising a plurality of program locations, each program location representing a starting point of a program segment of one of the plurality of stored programs**, the audiovisual system connectable to a user display, the audiovisual system comprising:
     a system controller;
     a storage device to store the portion of the audiovisual data and to play back the stored portion of the audiovisual data;
     a marking module coupled to the system controller to create metadata in response to a control input for marking the program segments, the metadata comprising information regarding the program segments of the stored portion of the audiovisual data;
     a display generator coupled to the system controller to generate a mosaic representation of the program segments of the stored portion of the audiovisual data, wherein **the mosaic representation comprises a plurality of cells representing a first plurality of respective stored program segments of a first stored program and a second plurality of respective stored program segments of a second stored program, the plurality of cells comprising images extracted from the respective stored program segments**; and
     a program selector coupled to the system controller to select a program segment of the stored portion of the audiovisual data in response to a user input, the selected program segment selected based on the information of the metadata, whereby the audiovisual system selectively plays back selected program segments of the stored portion of the

audiovisual data, thereby enabling a user to jump to and play back selected program segments of the plurality of programs.

Various portions of the specification as originally filed provide support for the amendments to Claim 1, including but not limited to, page 5, lines 5-14, page 17, lines 3-5, and Figures 8 and 9A-9D.

Applicant submits that the combination of Brown and Newman does not disclose or suggest all the limitations of the claimed invention as recited by amended Claim 1. For example, the combination of Brown and Newman does not disclose or suggest a display generator that generates "a mosaic representation of the program segments of the stored portion of the audiovisual data, wherein the mosaic representation comprises a plurality of cells representing a first plurality of respective stored program segments of a first stored program and a second plurality of respective stored program segments of a second stored program, the plurality of cells comprising images extracted from the respective stored program segments," as recited by amended Claim 1.

The Examiner cites Brown at column 14, lines 44-47 as disclosing a mosaic representation comprising a plurality of cells representing respective stored program segments of a program. However, this portion of Brown refers to Figure 17 which illustrates a "Now Showing" program listing in which each program is represented by a single corresponding cell which can be selected by the user to begin viewing that program. Each of these programs is treated as a unitary whole, and Brown does not disclose or suggest a program listing containing multiple cells which represent a plurality of segments of one program and a plurality of segments of another program. Thus, Brown does not disclose or suggest a mosaic representation comprising "a plurality of cells representing a first plurality of respective stored program segments of a first stored program and a second plurality of respective stored program segments of a second stored program," as recited by amended Claim 1.

Newman also does not disclose or suggest a mosaic representation as recited by amended Claim 1. Newman discloses a video editing system which selects video clips from a variety of sources and integrates them together to form a storyboard (see, e.g., Figure 10 of Newman). As disclosed by Newman at column 15, lines 3-26, these video clips are represented by icons which a user can drag and drop onto a storyboard to form a storyboard. Newman does not disclose or suggest that these icons comprise "a plurality of cells representing a first plurality of respective

stored program segments of a first stored program and a second plurality of respective stored program segments of a second stored program," as recited by amended Claim 1.

Since the combination of Brown and Newman does not disclose or suggest all the limitations of amended Claim 1, Applicant submits that amended Claim 1 is patentably distinguished over the combination of Brown and Newman. Applicant respectfully requests that the Examiner withdraw the rejection of Claim 1 and pass this claim to allowance.

Claims 2-13

Each of Claims 2-13 depends either directly or indirectly from amended Claim 1. Therefore, each of Claims 2-13 includes all the limitations of amended Claim 1 as well as other limitations of particular utility. For at least the reasons stated above with regard to amended Claim 1, Applicant submits that Claims 2-13 are also patentably distinguished over the combination of Brown and Newman. Applicant respectfully request that the Examiner withdraw the rejection of Claims 2-13 and pass these claims to allowance.

Claim 14

As currently amended, Claim 14 recites (emphasis added):

14.   An audiovisual system which receives audiovisual data and which stores for later playback at least a portion of the audiovisual data, the stored portion of the audiovisual data comprising a plurality of stored programs, **each stored program comprising a plurality of program locations, each program location representing a starting point of a program segment of one of the plurality of stored programs,** the audiovisual system connectable to a user display which provides to a user information regarding the program segments of the stored portion of the audiovisual data, the audiovisual system comprising:

a storage device to store the portion of the audiovisual data and to play back the stored portion of the audiovisual data;

a grid generator to configure for the user display the information regarding the program segments of the stored portion of the audiovisual data, the information derived from metadata corresponding to the program segments of the stored portion of the audiovisual data, the information provided to the user via the user display in grid format with a plurality of grid elements arranged as a plurality of rows and a plurality of columns, **the plurality of grid elements representing a first plurality of respective program segments of a first stored program and a second plurality of respective program segments of a second stored program,** each grid element independently selectable in response to a user input; and

a program selector to select a grid element that represents a selected program segment of the stored portion of the audiovisual data in response to the user input, the selected program segment selected based on the information derived from the metadata, whereby the audiovisual

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> system selectively plays back selected program segments of the stored portion of the audiovisual data, thereby enabling a user to jump to and play back selected program segments of the plurality of programs.

Various portions of the specification as originally filed provide support for the amendments to Claim 14, including but not limited to, page 5, lines 5-14, page 17, lines 3-5, and Figures 8 and 9A-9D.

Applicant submits that the combination of Brown and Newman does not disclose or suggest all the limitations of the claimed invention as recited by amended Claim 14. For example, the combination of Brown and Newman does not disclose or suggest a grid generator that provides information to the user "in grid format with a plurality of grid elements ... representing a first plurality of respective program segments of a first stored program and a second plurality of respective program segments of a second stored program, each grid element independently selectable in response to a user input," as recited by amended Claim 14.

The Examiner cites Brown at column 21, lines 27-29 and 46-48 as disclosing information provided in grid format where each grid element represents a program segment. However, this portion of Brown refers to a program listing of programs that are currently airing or that are scheduled to be aired on live TV. Brown does not disclose or suggest that the program listing includes information regarding program segments of a first **stored** program and program segments of a second **stored** program. Thus, Brown does not disclose or suggest information provided in a grid format with "a plurality of grid elements ... representing a first plurality of respective program segments of a first stored program and a second plurality of respective program segments of a second stored program" which are "independently selectable in response to a user input" to enable the user "to jump to and play back selected program segments of the plurality of programs," as recited by amended Claim 14.

Newman also does not disclose or suggest such a grid format as recited by amended Claim 14. For example, Newman does not disclose or suggest that the icons represent "a first plurality of respective program segments of a first stored program and a second plurality of respective program segments of a second stored program," as recited by amended Claim 14.

Since the combination of Brown and Newman does not disclose or suggest all the limitations of amended Claim 14, Applicant submits that amended Claim 14 is patentably distinguished over the combination of Brown and Newman. Applicant respectfully requests that the Examiner withdraw the rejection of Claim 14 and pass this claim to allowance.

Claims 16-22

Each of Claims 16-22 depends directly from amended Claim 14. Therefore, each of Claims 16-22 includes all the limitations of amended Claim 14 as well as other limitations of particular utility. For at least the reasons stated above with regard to amended Claim 14, Applicant submits that Claims 16-22 are also patentably distinguished over the combination of Brown and Newman. Applicant respectfully request that the Examiner withdraw the rejection of Claims 16-22 and pass these claims to allowance.

Claim 23

As currently amended, Claim 23 recites (emphasis added):

> 23.   A method of playing back selected portions of stored audiovisual data stored on a storage device, the method comprising:
>
> providing stored audiovisual data corresponding to a plurality of programs, **each program comprising a plurality of program locations, each program location representing a starting point of a program segment of one of the plurality of programs**;
>
> creating metadata in response to a control input for marking the program segments, the metadata comprising information regarding the program segments of the stored audiovisual data;
>
> displaying to a user the information regarding the program segments of the stored audiovisual data in a mosaic representation, wherein **the mosaic representation comprises a plurality of cells representing a first plurality of respective stored program segments of a first stored program and a second plurality of respective stored program segments of a second stored program, the plurality of cells comprising images extracted from the respective stored program segments**;
>
> receiving a user input indicating a selected program segment of one of the plurality of programs, the selected program segment selected based on the information of the metadata; and
>
> playing back the selected program segment of the stored audiovisual data, thereby jumping to and playing back selected program segments of the plurality of programs based on the metadata.

Various portions of the specification as originally filed provide support for the amendments to Claim 23, including but not limited to, page 5, lines 5-14, page 17, lines 3-5, and Figures 8 and 9A-9D.

For reasons similar to those discussed above with regard to amended Claim 1, Applicant submits that the combination of Brown and Newman does not disclose or suggest all the limitations of the claimed invention as recited by amended Claim 23. Therefore, Applicant

respectfully requests that the Examiner withdraw the rejection of Claim 23 and pass this claim to allowance.

Claims 24, 25, 28, and 29

Each of Claims 24, 25, 28, and 29 depends from amended Claim 23, so each of Claims 24, 25, 28, and 29 includes all the limitations of amended Claim 23 as well as other limitations of particular utility. Therefore, Claims 24, 25, 28, and 29 are patentably distinguished over the combination of Brown and Newman, and Applicant respectfully requests that the Examiner withdraw the rejection of Claims 24, 25, 28, and 29 and pass these claims to allowance.

Response to Rejection of Claim 15 Under 35 U.S.C. § 103(a)

In the March 23, 2007 Office Action, the Examiner rejects Claim 15 under 35 U.S.C. § 103(a) as being unpatentable over Brown in view of Newman and further in view of U.S. Patent No. 6,240,241 issued to Yuen et al. ("Yuen"). Applicant submits that Yuen does not disclose or suggest the limitations of amended Claim 14 which are not disclosed or suggested by the combination of Brown and Newman. Therefore, Applicant submits that amended Claim 14 is patentably distinguished over the combination of Brown, Newman, and Yuen.

Claim 15 depends from amended Claim 14, so Claim 15 includes all the limitations of amended Claim 14 as well as other limitations of particular utility. Therefore, Applicant submits that Claim 15 is patentably distinguished over the combination of Brown, Newman, and Yuen, and respectfully requests that the Examiner withdraw the rejection of Claim 15 and pass Claim 15 to allowance.
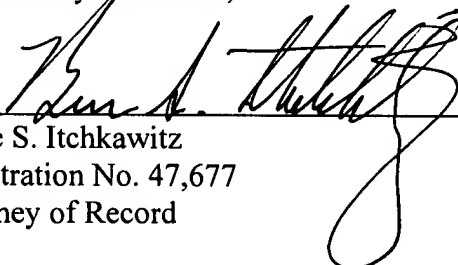
Summary

For the foregoing reasons, Applicant submits that Claims 1-25, 28, and 29 are in condition for allowance, and respectfully requests such action.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

Dated: _____J/10/07_____   By: _____

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